

WHAT IS CLAIMED IS:

- 9.2, 4/15/16
1. A transaction managing apparatus, comprising:  
a transaction defining unit for defining a  
plurality of kinds of unsettled transaction types by  
combining a plurality of predetermined categories; and  
a management control unit for designating one of  
said plurality of kinds of unsettled transaction types  
by an interactive operation with the operator and  
managing and controlling processes in a lump from the  
start of the transaction to the end.
2. An apparatus according to claim 1, wherein said  
transaction defining unit defines the unsettled  
transaction types by combining at least a sales sum-up  
timing, the presence or absence of necessity of  
prepayment, and a delivering method of goods as said  
categories.
3. An apparatus according to claim 2, wherein as said  
unsettled transaction types, said transaction defining  
unit defines at least one of:  
an unsettled transaction of prepayment of a total  
amount, namely, a deferred pickup transaction on the  
principle of occurrence in which sales are summed up  
upon occurrence of the transaction;  
an unsettled transaction of prepayment of a total  
amount, namely, a deferred pickup transaction on the



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sequentially executes, as processes upon delivery, a display of incomplete transaction information by an input of the slip number, a registration of a delivery, a sum-up of sales amounts, and a termination of the incomplete transaction.

9. An apparatus according to claim 8, wherein in the case where said deferred payment transaction on the principle of occurrence is selected as an unsettled transaction type, said management control unit:

sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip number, an input of a delivery date of goods, a registration of goods, a registration of an amount of

payment including a zero payment, an issue of a customer copy with said slip number, a sum-up of sales amounts, and a registration of a delivery; and

sequentially executes, as processes upon payment,  
5 a display of incomplete transaction information by the input of said slip number, a registration of an amount of payment, and in case of a zero balance, a termination of the incomplete transaction.

10 10. An apparatus according to claim 3, wherein said transaction defining unit forms type code information having a combination of categories in which a sales sum-up timing is set to a timing upon completion of the transaction, a prepayment is unnecessary, and a  
15 delivery of goods is set to a predelivery with respect to said deferred payment transaction on the principle of completion.

11. An apparatus according to claim 10, wherein in the  
20 case where said deferred payment transaction on the principle of completion is selected as an unsettled transaction type, said management control unit:

sequentially executes, as processes upon prepayment, an issue of an incomplete transaction slip  
25 number, an input of a delivery date of goods, a registration of goods, a registration of an amount of payment including a zero payment, an issue of a

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sequentially executes, as processes upon payment, a display of incomplete transaction information by the input of said slip number, a registration of an amount of payment, a sum-up of sales amounts in case of a zero balance, and a termination of the incomplete transaction.

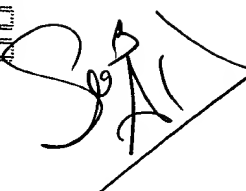
said transaction defining unit has an incomplete transaction management table, a type code table, an incomplete transaction line item information table, and a payment information management table; and

said type code table is designated by a type code of said incomplete transaction management table, and category combination information <sup>112 2nd</sup> such as sum-up timing, prepayment necessary/unnecessary flag, predelivery

possible/impossible flag, method of tender, delivering  
method, <sup>112</sup>and the like is stored in said type code table;

5 said incomplete transaction line item information  
table is designated by an incomplete transaction slip  
number in said incomplete transaction management table,  
and goods management information such as <sup>112</sup>goods code,  
unit price, quantity, discount information, and the  
<sup>112</sup>like is stored in said incomplete transaction line item  
information table; and

10 said payment information management table is  
designated by an incomplete transaction slip number in  
said incomplete transaction management table, and  
payment management information such as <sup>112</sup>date and time of  
payment, paid amount, kind of tender, <sup>112</sup>and the like is  
15 stored in said payment information management table.

  
20 13. An apparatus according to claim <sup>(12)</sup>, wherein on the  
basis of each table information of said transaction  
defining unit, said management control unit displays a  
list showing the incomplete transactions, a list of the  
customers who do not come to receive goods even after  
the scheduled delivery date, a list of the customers  
who do not come to pay after the term of payment, a  
list of the payment situations, <sup>112</sup>and the like as a whole  
25 list or every type.

14. A transaction managing  method for a POS terminal,

comprising the steps of:

defining a plurality of kinds of unsettled transaction types by combining a plurality of predetermined categories; and

5 designating one of said plurality of kinds of unsettled transaction types by an interactive operation with the operator and managing and controlling processes in a lump from the beginning of the transaction to the end.

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15. A recording medium which stores a transaction management program, wherein said transaction management program comprises the steps of:

15 defining a plurality of kinds of unsettled transaction types by combining a plurality of predetermined categories; and

20 designating one of said plurality of kinds of unsettled transaction types by an interactive operation with the operator and managing and controlling processes in a lump from the beginning of the transaction to the end.

25 16. A transaction system in which a plurality of terminal apparatuses are connected through a network to a server for managing transaction information, wherein

each of said terminal apparatuses comprises:

a transaction defining unit for defining a

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